

# Converting Colors

Hex(088E00)

Have a look what the booklet for  
Hex(088E00) contains.

<b>Hex(088E00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(088E00)

# Conversions

## Conversions Part 1

Format	Color
Hex	088E00
RGB	8, 142, 0
RGB Percent	3%, 56%, 0%
CMY	0.9686, 0.4431, 1.0000
CMYK	0.94, 0.00, 1.00, 0.44
HSL	117°, 100%, 28%
HSV	117°, 100%, 56%
XYZ	9.7731, 19.3976, 3.2290
YIQ	85.7460, -34.2820, -72.5700

# Conversions

## Conversions Part 2

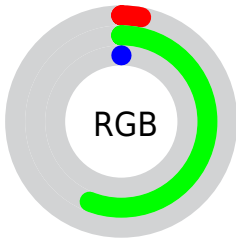
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 142, 134
Decimal	560640
CIELab	51.15, -55.19, 53.87
CIElCh	51, 77.123, 135.695
Yxy	19.3976, 0.3016, 0.5987
Android (android.graphics.Color)	4278750720 (0xFF088E00)
YUV	85.7460, -42.2728, -68.1832
Hunter-Lab	44.0427, -37.4654, 26.4830

# Details

The Hex color **088E00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **86008E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58C543**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **088E00**, and if you desaturate by 10%, it is **158E0E**.

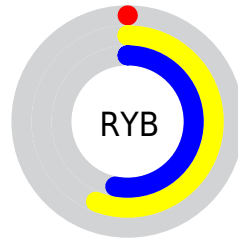
# Distribution



Red (3%)

Green (56%)

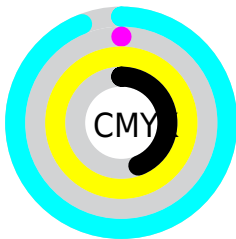
Blue (0%)



Red (0%)

Yellow (56%)

Blue (53%)

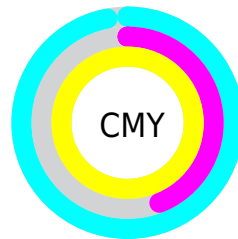


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (97%)

Magenta (44%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 088E00 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 088E00 by changing the saturation by 10% instead.



 088E00

 088E00

FFFFFF

 007400

 58C543

 005A00

 76E15E

 004100

 93FF79

 002B00

 B1FF94

 000800

 CEFFB0

 000000

 ECF FCC

 FFFF E9

 088E00

 158E0E

 238E1C

 308E2B

 3E8E39

 4B8E47

 588E55

 668E63

 738E72

 818E80

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



748200



088E00



009457

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



088E00



008BFB



EB205B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



088E00



86008E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DD299C



088E00



0076FA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



088E00



0094D8



A655D7



D84919

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



088E00



009685



A655D7



EA1870



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



088E00



84B881



8E8500



3D5C3B



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



088E00



0AB800



008E3E



414740



088700



000800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86008E



AD00B8



8E0050



474047



800087

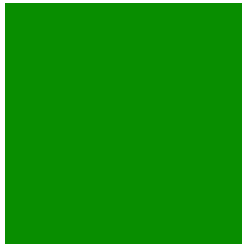


070008



# Previews

## White Background



This preview shows how the Hex color 088E00 looks on a white background.

## Color Contrast Check

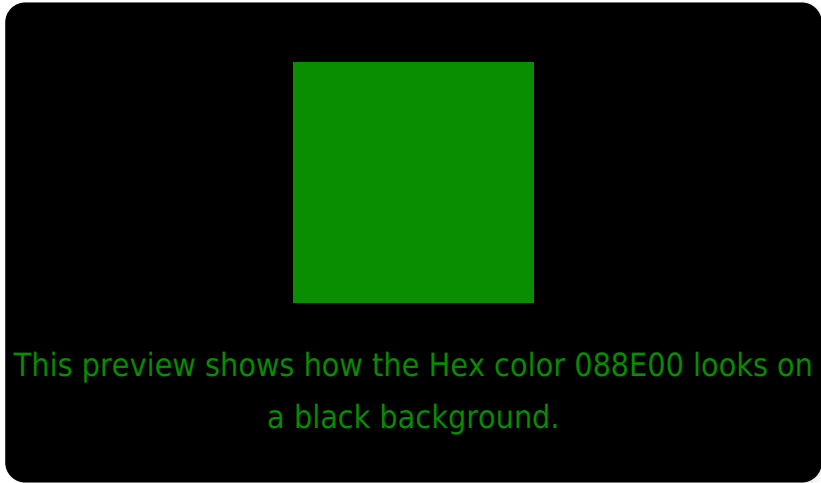
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 088E00 Background



This preview shows how black text looks on a background with the Hex color 088E00.

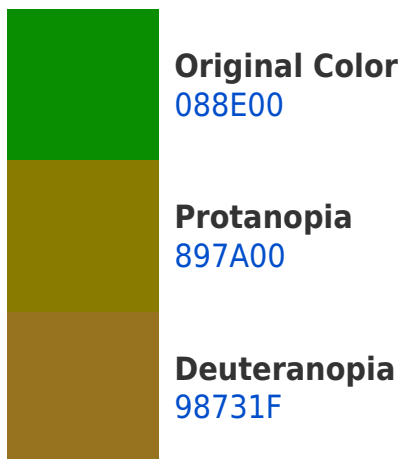


This preview shows how white text looks on a background with the Hex color 088E00.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

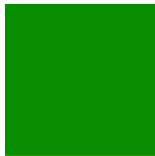
## Dichromacy





**Tritanopia**  
3C848F

# Trichromacy



**Original Color**  
088E00



**Protanomaly**  
5A8100

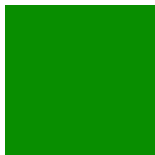


**Deuteranomaly**  
647D14



**Tritanomaly**  
29885B

# Monochromacy



**Original Color**  
088E00



**Achromatopsia**  
565656



**Achromatomaly**  
3A6A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 088E00 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #088E00 looks like.

```
.text, #text, p{  
    color:#088E00  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #088E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088E00
}
```

## Border

The CSS property to change the border of an element to Hex 088E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

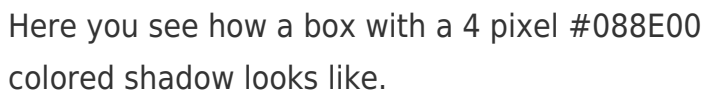
```
.border, #border, table{ border:4px solid
#088E00 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#088E00 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #088E00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088E00; -webkit-box-shadow:4px 4px  
4px 4px #088E00; box-shadow:4px 4px 4px  
4px #088E00 }
```

# Background

The CSS property to change the background color of an element to Hex 088E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088E00 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#088E00 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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